

**Preflight Preparation**

Hotels/ Ground transportation \_\_\_\_\_  
 Filed route \_\_\_\_\_  
 departure fuel price \_\_\_\_\_  
 destination fuel price \_\_\_\_\_  
 ETE \_\_\_\_\_  
 BEW 7632  
 Pilots \_\_\_\_\_  
 BOW 7832  
 Payload 1468 max \_\_\_\_\_  
 ZFW max 9300 \_\_\_\_\_  
 fuel burn \_\_\_\_\_  
 +reserve 310/500/1000 \_\_\_\_\_  
 Min fuel \_\_\_\_\_  
 Max fuel/ 3930 \_\_\_\_\_  
 Fuel Onboard \_\_\_\_\_  
 Fuel upload \_\_\_\_\_ GAL \_\_\_\_\_ LBS  
 TO Fuel \_\_\_\_\_  
 Weight and balance/ Performance within limits  
 Takeoff weight \_\_\_\_\_  
 Forward cg limit \_\_\_\_\_  
 Takeoff cg \_\_\_\_\_  
 Aft cg limit 283.72  
 Max structural takeoff weight 12375  
 Second segment limit \_\_\_\_\_  
 Runway limit \_\_\_\_\_  
 Landing weight max 11500 \_\_\_\_\_  
 Depart Field elevation \_\_\_\_\_  
 Arrival Field elevation \_\_\_\_\_  
 Crew Brief \_\_\_\_\_  
 Weather \_\_\_\_\_  
 Airport diagram taxi route \_\_\_\_\_  
 Departure procedure \_\_\_\_\_  
 Arrival \_\_\_\_\_  
 Approach \_\_\_\_\_  
 Alternate \_\_\_\_\_  
 Longest runway \_\_\_\_\_  
**1 HR BEFORE WHEELS UP**  
 Printer WB, Trip sheet, flight plan  
 Catering Arrived  
 Sentient/Dispatch/Flight control Call  
 Walk around / Covers/ Tow switch Complete  
 Emer power / batt disconnect / batt Check  
 GPU/ AC/ Oxygen check/ Fuel check  
 Avionics On  
 Rotary switch check  
 FMS Data current  
 GPWS / TCAS test  
 Cockpit recorder test

**CJ2 N757CP**

Check

ICE/Papers/ Coffee complete  
 MEL, Forms, Logs, RSVM checked  
 IPAD/Glasses/Headsets/Cockpit Nest check  
 ATIS \_\_\_\_\_  
 Wind \_\_\_\_\_  
 Vis \_\_\_\_\_  
 Clouds \_\_\_\_\_  
 Temperature \_\_\_\_\_  
 Altimeter setting \_\_\_\_\_  
 Runway \_\_\_\_\_  
 Rwy Dist Req/ available \_\_\_\_\_ / \_\_\_\_\_  
 V1 \_\_\_\_\_  
 Vr \_\_\_\_\_  
 V2 \_\_\_\_\_  
 Vt/enr \_\_\_\_\_  
 Take off Power \_\_\_\_\_  
 Max continuous climb \_\_\_\_\_  
**30 MINUTES**  
 Clearance Route \_\_\_\_\_  
 Head Bug \_\_\_\_\_  
 Alt Alert \_\_\_\_\_  
 Depart Freq \_\_\_\_\_  
 Xpndr \_\_\_\_\_  
 Course \_\_\_\_\_  
 FMS \_\_\_\_\_ program  
 Nav1/2 \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Pressure controller \_\_\_\_\_ set dest +200

flaps 15o anti ice off level dry rwy >5000 ft no obstacles or tailwind			
weight range pounds	<12375 to 11801	<11800 - 11001	<11k to 9500
altitude of airport	≤2000 ft	≤4000 ft	<6000 ft- 2001
ambient temperature	11°C-35°C	11°C- 34°C	5°C-30°C
V1	109	107	102
Vr	109	107	103
V2	115	112	108
SE climb	138	135	130
Takeoff N1	101.0%	101.0%	101.7%
SE climb N1	95.8%	96.0%	96.9%

Max Rate of climb Vy										
	SL	5	10	15	20	25	30	35	40	45
12375	193	196	186	178	170	164	157	152	143	141
12000	193	196	185	177	170	164	156	152	142	140
11000	192	195	185	176	168	162	154	149	138	136
10000	191	194	183	175	167	160	152	146	136	134
8000	190	193	182	173	165	157	148	142	130	128
Cruise Climb										
ALL	230	230	230	230	230	226	203	181	160	142

ICE OFF	°C	Max Continuous Thrust Pressure Altitude/ 1000												
		SL	5	10	15	20	25	30	35	37	39	41	43	45
30	96.4	96.4	96.4	96.4	96.4	96.4	95.5	-	-	-	-	-	-	-
25	97.6	97.6	97.6	97.6	97.6	97.6	96.6	95.7	94.8	93.9	-	-	-	-
20	98.8	98.8	98.8	98.8	98.8	98.8	97.8	96.9	96.0	95.1	-	-	-	-
15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.0	98.0	97.2	96.3	-	-	-
12	100.8	100.8	100.8	100.8	100.8	100.8	99.8	98.8	98.0	97.1	-	-	-	-
10	100.5	101.2	101.2	101.2	101.2	101.2	100.2	99.2	98.4	97.5	96.7	95.4	-	-
5	99.6	102.4	102.4	102.4	102.4	102.4	101.4	100.4	99.6	98.8	98.0	96.8	-	-
1	98.8	102.4	102.4	102.4	102.4	102.4	102.4	101.4	100.6	99.8	99.0	97.8	-	-
0	98.6	102.2	102.4	102.4	102.4	102.4	102.4	101.6	100.8	100.0	99.2	98.1	97.0	-
-3	98.0	101.7	102.4	102.4	102.4	102.4	102.4	102.4	101.6	100.8	100.0	99.0	97.9	-
-5	97.7	101.4	102.4	102.4	102.4	102.4	102.4	102.4	102.0	101.2	100.5	99.4	98.4	-
-7	97.4	101.1	102.4	102.4	102.4	102.4	102.4	102.4	102.4	101.6	100.9	99.9	98.9	-
-10	96.8	100.6	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	101.7	100.8	99.8	-
-13	96.2	100.1	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	101.5	100.6	-
-15	95.8	99.7	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.1	101.3	-
-16	95.8	99.5	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	101.6	-
-19	95.1	99.1	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	-
-20	94.9	98.9	102.2	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	-
-25	93.9	98.1	101.5	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	-
-29	93.2	97.4	101	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	-
-30	93	97.2	101	102	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	-
-35	92.1	96.4	100	102	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	-
-40	91.1	95.5	99.2	101	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	-
-45	90.2	94.7	98.5	100	101.7	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	-

ICE on	°C	Max Continuous Thrust Pressure Altitude/ 1000												
		SL	5	10	15	20	25	30	35	37	39	41	43	45
10	98.2	98.2	98.2	97.4	96.8	96.2	95.6	-	-	-	-	-	-	-
5	98.9	98.9	98.9	98.2	97.6	97.0	96.4	-	-	-	-	-	-	-
1	99.5	99.5	99.5	98.8	98.2	97.6	97.0	-	-	-	-	-	-	-
0	99.3	99.6	99.6	99.0	98.3	97.7	97.2	96.6	95.5	94.4	-	-	-	-
-5	98.4	100.4	100.4	99.7	99.1	98.5	97.9	97.4	96.3	95.2	-	-	-	-
-6	98.2	100.5	100.5	99.9	99.3	98.7	98.1	97.5	96.4	95.3	94.4	93.6	-	-
-10	97.4	100.5	100.5	100.5	99.9	99.3	98.7	98.1	97.0	96.0	95.0	94.2	93.4	-
-12	97.0	100.5	100.5	100.5	100.2	99.6	99.0	98.4	97.3	96.3	95.3	94.5	93.7	-
-14	96.7	100.2	100.5	100.5	100.5	99.9	99.3	98.7	97.6	96.6	95.6	94.8	94.0	-
-15	96.5	100.1	100.5	100.5	100.5	100.0	99.5	98.9	97.8	96.7	95.8	95.0	94.2	-
-18	95.9	99.6	100.5	100.5	100.5	100.5	99.9	99.3	98.3	97.2	96.2	95.4	94.6	-
-19	95.7	99.5	100.5	100.5	100.5	100.5	100.0	99.5	98.4	97.3	96.4	95.6	94.8	-
-20	95.5	99.3	100.5	100.5	100.5	100.5	100.0	99.5	98.6	97.5	96.5	95.7	94.9	-
-23	95.7	98.9	100.5	100.5	100.5	100.5	100.0	99.5	99.0	97.9	97.0	96.2	95.4	-
-25	94.6	98.6	100.5	100.5	100.5	100.5	100.0	99.5	99.0	98.2	97.3	96.5	95.7	-
-27	94.2	98.3	100.5	100.5	100.5	100.5	100.0	99.5	99.0	98.5	97.6	96.8	96.0	-
-29	93.8	98.0	100.5	100.5	100.5	100.5	100.0	99.5	99.0	98.5	97.9	97.1	96.3	-
-30	93.6	97.9	100.5	100.5	100.5	100.5	100.0	99.5	99.0	98.5	98.1	97.3	96.5	-
-32	93.3	97.7	100.5	100.5	100.5	100.5	100.0	99.5	99.0	98.5	98.3	97.5	96.7	-
-34	92.9	97.3	100.5	100.5	100.5	100.5	100.0	99.5	99.0	98.5	98.3	97.9	97.1	-
-35	92.7	97.2	100.4	100.5	100.5	100.5	100.0	99.5	99.0	98.5	98.3	98.0	97.2	-
-37	92.4	96.9	100.2	100.5	100.5	100.5	100.0	99.5	99.0	98.5	98.3	98.3	97.5	-
-40	91.8	96.4	99.8	100.5	100.5	100.5	100.0	99.5	99.0	98.5	98.3	98.3	98.0	-
-42	91.4	96.2	99.6	100.5	100.5	100.5	100.0	99.5	99.0	98.5	98.3	98.3	98.3	-
-45	90.8	95.7	99.2	100.5	100.5	100.5	100.0	99.5	99.0	98.5	98.3	98.3	98.3	-

**ENGINE START**

Standby flight display Test/on  
 Battery Master on>24v  
 GPU/ Generators as required  
 Fuel Quantity as required  
 Avionics off  
 Annunciators (Doors) Check  
 Parking brake/ chocks Set/ Removed  
 Nav /Beacon lights on  
 Flood & Panel lights on/ Set  
 Air Conditioning off  
**Start Switch** **start**

**BEFORE TAXI**

External Power disconnected  
 Generators Checked / On / 29volts  
 Avionics Switch & FMS On  
 Passenger advisory lights Pass Safety  
 Standby Gyro Uncaged No Flag  
 Air Cond As Required  
 Flaps Ground Flaps/ throttle test/ TO set  
 FMS /Avionics/ Flight Instruments checked and set  
 • Heading verify brief  
 • Nav Source, Fix/ Leg verify brief  
 • FD Modes (lateral vertical) verify/brief  
 • V speeds/ TOLD/ Weight limits verify  
 • Altitude pre select set/ brief  
 • Altimeter setting set 3  
 Transponder/ TCAS Set  
 Trims Test & Set  
 Flight controls free & correct  
 Annunciator panel check  
 Engine Instruments Check  
 Fuel Status Required/ status/ balanced  
 Coffee Pot on  
 Taxi diagram 2 displayed/

**TAXI/ BEFORE TAKEOFF**

Taxi light on  
 Brakes check  
 Steering check  
 Rudder bias check  
 Crew brief complete  
 Anti-Ice / Deice ready  
 Radar As Req

**LINE UP**

Pitot static On  
 Ice protection On (or) Not Required  
 Anti-collision light On  
 Ignitions On  
 landing lights On  
 Engine Instruments Normal  
 Thrust attenuators Auto  
 Annunciator panel Normal

**CLIMB CHECK 5000'**

Gear up  
 Lights recog  
 Yaw damp on  
 Flaps up  
 Engine sync on  
 Ignitions off  
 Anti-ice as required  
 Pressurization differential/ climbing  
 Power max cont  
 Engine Instruments normal  
 Passenger Advisory lights as required  
**10K CHECK** Recog lights off  
**FL180** Oxygen / 29.92

**DESCENT**

ATIS frequencies set Noted  
 Fuel status & upload Compute, review & balance  
 FBO Coordinate Ground transportation/Fuel  
 Arrival /Routing/ approach/taxi Plan/Brief  
 Vnav program & set  
 Defog fan high  
 Cabin Distribution Max  
 Pressurization Check/set  
 Ice protection as Req  
 Vsports/ Landing Perf Post/complete  
 WET/ 135/ Both Factors 1.15/1.25/1.44  
**FL180** Altimeter set  
**10K** Recognition lights on  
 Shoulder Harness fastened

	8000	8500	9000	9500	10000	10500	11000	11500	*12375
Vapp-15º	98	102	105	108	110	112.5	115	118	122
Vref-LAND	93	96	99	101	104	106.5	109	111	115

**APPROACH BRIEFING**

- **WX, APP, RWY, THREATS SET UP**
- MSA---IAF-----PT-----FAF-----Minimums
- MAP alt / hdg / alt / course

**APPROACH**

Crew Brief Complete  
 Avionics Flight Instruments Set Up For Approach  
 Altimeters Set X 3  
 Baro Minimums Set X 2  
 Ice Protection As Required  
 Pass Safety On  
 Seats & Belts Adjust & Secure  
 Fuel / Transfer Knob Balanced/ Off  
 Engine Sync Off  
 Anti Skid On  
 Annunciator Panel Check  
 Flaps App/Land

**BEFORE LANDING**

Gear Down  
 Flaps Landing  
 Pressurization Zero Differential  
 Airspeed Vref + 10  
 Speed Brakes Stowed  
 Ignitions On  
 Landing Lights Cleared To Land On  
 Auto-Pilot/ Yaw Damp Off

**AFTER LANDING**

Pitot Static Heat Off  
 Ignitions Normal  
 Ice Protection As Required  
 Anti Coll/ Strobes Off  
 Recogs On  
 Flaps Set

**SHUT DOWN**

Chocks/parking brakes Set  
 Ice protection off  
 standby flight inst off/ Cage  
 avionics off  
 Fans & AC off  
 power lever off  
 beacon off  
 pass Safety off  
 exterior lights off  
 battery off  
 Fuel on board, Hobbs, FMS data note